

## SEQUENCE LISTING

<110> Hooper, Douglas  
Dietzschold, Bernhard

<120> RABIES VIRUS-SPECIFIC NEUTRALIZING HUMAN  
MONOCLONAL ANTIBODIES AND NUCLEIC ACIDS AND RELATED METHODS

<130> H0001.NP0002

<150> 60/204,518  
<151> 2000-05-16

<160> 8

<170> FastSEQ for Windows Version 4.0

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<211> 1430  
<212> DNA  
<213> Homo sapien

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gcagactccg tgaaggggccg gttcaccatc tccagagaca attccaagaa cacgctgttat 300  
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gagggtacta tgatagttgt acttaatggg ggcttgcact actggggcca gggAACCCGG 420  
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gtcctacagt ctcaggact ctactccctc agcagcgtgg tgaccgtgcc ctccagcagc 660  
ttgggcaccc agacctacat ctgcaacgtg aatcacaagc ccagcaacac caaggtggac 720  
aagaggttg agcccaaatac ttgtgacaaa actcacacat gcccacccgtg cccagcacct 780  
gaacttctgg ggggacccgtc agtcttcctc ttccccccaa aacccaagga caccctcatg 840  
atctcccgga cccctgaggt cacaatgcgtg tggtggacg tgagccacga agaccctgag 900  
gtcaagttca actggtacgt ggacggcgtg gaggtgcata atgccaagac aaaggccgg 960  
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accaacgcctc ccgtgcttga ctccgacggc tccttcttcc tctatagcaa gtcaccgtg 1320  
gacaagagca ggtggcagca ggggaacgtc ttctcatgtt ccgtgatgca tgaggctctg 1380  
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<211> 708  
<212> DNA  
<213> Homo sapien

<400> 2  
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 accctcgccct gcagggccag tcagactgct agcaggtaact tagcctggta ccaacagaaa 180  
 cctggccagg ctcccagact cctcatctat gatacatcca acagggccac tggatcccc 240  
 gccaggttca gtggcagtgg gtctggaca gacttcactc tctccatca cagcctggag 300  
 cctgaagatt ttgcagtttta ttactgttag cagcgttca actggccgtg gacgttcggc 360  
 caagggacca aggtggaaatt caaacgaact gtggctgcac catctgtctt catcttcccg 420  
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 caggagatg tcacagagca ggacagcaag gacagcacct acagccttag cagcaccctg 600  
 acgctgagca aagcagacta cgagaaacac aaagtctacg cctgcgaagt caccatcag 660  
 ggcctgagct cgcccggtcac aaagagcttc aacagggag agtgttag 708

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 <211> 474  
 <212> PRT  
 <213> Homo sapien

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 20 25 30  
 Pro Gly Gly Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe  
 35 40 45  
 Ser Asn Tyr Ala Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu  
 50 55 60  
 Glu Trp Val Ser Ala Ile Ser Ala Ser Gly His Ser Thr Tyr Leu Ala  
 65 70 75 80  
 Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn  
 85 90 95  
 Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val  
 100 105 110  
 Tyr Tyr Cys Ala Lys Asp Arg Glu Val Thr Met Ile Val Val Leu Asn  
 115 120 125  
 Gly Gly Phe Asp Tyr Trp Gly Gln Gly Thr Arg Val Thr Val Ser Ser  
 130 135 140  
 Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Ser Ser Lys  
 145 150 155 160  
 Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr  
 165 170 175  
 Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser  
 180 185 190  
 Gly Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser  
 195 200 205  
 Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr  
 210 215 220  
 Tyr Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys  
 225 230 235 240  
 Arg Val Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys  
 245 250 255  
 Pro Ala Pro Glu Leu Leu Gly Gly Pro Ser Val Phe Leu Phe Pro Pro  
 260 265 270  
 Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys

275	280	285
Val Val Val Asp Val Ser His	Glu Asp Pro Glu Val Lys	Phe Asn Trp
290	295	300
Tyr Val Asp Gly Val Glu Val His Asn Ala Lys	Thr Lys Pro Arg Glu	
305	310	315
Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu		320
325	330	335
His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn		350
340	345	
Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly		365
355	360	
Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Glu Glu		380
370	375	
Met Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr		400
385	390	395
Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn		415
405	410	
Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe		430
420	425	
Leu Tyr Ser Lys Leu Thr Val Asp Lys Ser Arg Trp Gln Gln Gly Asn		445
435	440	
Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr		460
450	455	
Gln Lys Ser Leu Ser Leu Ser Pro Gly Lys		
465	470	

<210> 4  
<211> 234  
<212> PRT  
<213> Homo sapien

<400> 4		
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Asp Thr Thr Gly Glu Ile Val Leu Thr Gln Ser Pro Ala Thr Leu Ser		
20	25	30
Leu Ser Pro Gly Glu Arg Ala Thr Leu Ala Cys Arg Ala Ser Gln Thr		
35	40	45
Ala Ser Arg Tyr Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro		
50	55	60
Arg Leu Leu Ile Tyr Asp Thr Ser Asn Arg Ala Thr Gly Ile Pro Ala		
65	70	75 80
Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Ser Ile Ser		
85	90	95
Ser Leu Glu Pro Glu Asp Phe Ala Val Tyr Tyr Cys Gln Gln Arg Phe		
100	105	110
Asn Trp Pro Trp Thr Phe Gly Gln Gly Thr Lys Val Glu Phe Lys Arg		
115	120	125
Thr Val Ala Ala Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Glu Gln		
130	135	140
Leu Lys Ser Gly Thr Ala Ser Val Val Cys Leu Leu Asn Asn Phe Tyr		
145	150	155 160
Pro Arg Glu Ala Lys Val Gln Trp Lys Val Asp Asn Ala Leu Gln Ser		
165	170	175
Gly Asn Ser Gln Glu Ser Val Thr Glu Gln Asp Ser Lys Asp Ser Thr		

180                    185                    190  
Tyr Ser Leu Ser Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu Lys  
195                    200                    205  
His Lys Val Tyr Ala Cys Glu Val Thr His Gln Gly Leu Ser Ser Pro  
210                    215                    220  
Val Thr Lys Ser Phe Asn Arg Gly Glu Cys  
225                    230

<210> 5  
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<212> DNA  
<213> Homo sapien

<400> 5  
accatggagt ttgggctgag

20

<210> 6  
<211> 20  
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<213> Homo sapien

<400> 6  
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20

<210> 7  
<211> 20  
<212> DNA  
<213> Homo sapien

<400> 7  
agcatggaag ccccagctca

20

<210> 8  
<211> 21  
<212> DNA  
<213> Homo sapien

<400> 8  
ctctaacaact ctccccctgtt g

21